

Boraldy Forest Region Buldergen Gorge, Boraldy Mountain, Khrebet Karatau, 20 m up- hill from stream, soil 60% SE facing, 1 km NE campsite. Pedigree - Wild. Comments:: Fruit: 1 cm diameter, round, black, very sweet, clear juice; 30 berries per cluster; height 4 m, climbing in Crataegus, dry rocky soil; 40-45 deg. C, -30 deg. C in winter. Rainfall 350 mm. Disease leaf roll (?), likely is natural coloration.

PI 588728. *Vitis vinifera* L.

Collected 09/21/1993 in Kazakhstan. Latitude 42 deg. 53' N. Longitude 69 deg. 54' E. Elevation 925 m. Kazakhstan, near the City of Chimkent, Boraldy Forest Region Buldergen Gorge, Boraldy Mountain, Khrebet Karatau, 20 m up- hill from stream, soil 60% SE facing, 1 km NE campsite. Pedigree - Wild. Comments:: Fruit: 1.0 - 1.25 cm diam, round, black, clear juice. Flavor: sweet, excellent taste and blend of acid; skin tough; excellent for table grape; 30 berries per cluster; height 4 m, climbing. Rainfall 350 mm.

PI 588729. *Vitis vinifera* L.

Collected 09/21/1993 in Kazakhstan. Latitude 42 deg. 53' N. Longitude 69 deg. 54' E. Elevation 925 m. Kazakhstan, near the City of Chimkent, Boraldy Forest Region Buldergen Gorge, Boraldy Mountain, Khrebet Karatau, 20 m up- hill from stream, soil 60% SE facing, 20 ft. from stream. Pedigree - Wild. Comments:: Fruit: red, unripe (?), juicy, not sweet; height 4 m, climb- Crataegus turkestanica, sandy soil; rainfall 350 mm.

PI 588730. *Vitis vinifera* L.

Collected 09/21/1993 in Kazakhstan. Latitude 42 deg. 53' N. Longitude 69 deg. 54' E. Elevation 930 m. Kazakhstan, near the City of Chimkent, Boraldy Forest Region Buldergen Gorge, Boraldy Mountain, Khrebet Karatau, 20 m up- hill from stream, soil 60% SE facing slope. Pedigree - Wild. Comments:: Fruit: 1 cm diameter, round, white or amber, very sweet, probably overmature; 50 berries per cluster; height 8 m, climbing on Crataegus turkestanica, Rubus, Sophora, rocky, sandy soil; rainfall 350 mm.

PI 588731. *Vitis vinifera* L.

Collected 09/21/1993 in Kazakhstan. Latitude 42 deg. 53' N. Longitude 69 deg. 54' E. Elevation 930 m. Kazakhstan, near the City of Chimkent, Boraldy Forest Region Buldergen Gorge, Boraldy Mountain, Khrebet Karatau, 20 m up- hill from stream, soil 60% SE facing slope. Pedigree - Wild. Comments:: Fruit: 1 cm diameter, red, sweet; 80 berries per cluster, 1 foot long cluster; leaf shape more lobed than white form; rainfall 350 mm.

PI 588732. *Vitis vinifera* L.

Collected 09/21/1993 in Kazakhstan. Latitude 42 deg. 53' N. Longitude 69 deg. 54' E. Elevation 930 m. Kazakhstan, near the City of Chimkent, Boraldy Forest Region Buldergen Gorge, Boraldy Mountain, Khrebet Karatau, 20 m up- hill from stream, soil 60% SE facing slope. Pedigree - Wild. Comments:: Fruit: 0.5 cm diamter, black; tight small cluster; height 6 m, climbing on Crataegus; disease mildew; rainfall 350 mm.

PI 588733. *Vitis vinifera* L.

Collected 09/21/1993 in Kazakhstan. Latitude 42 deg. 53' N. Longitude 69 deg. 54' E. Elevation 930 m. Kazakhstan, near the City of Chimkent, Boraldy Forest Region Buldergen Gorge, Boraldy Mountain, Khrebet Karatau, 40 m from stream, along NW facing cliff. Pedigree - Wild. Comments:: Fruit: 1 cm diameter, oval (?), black; medium cluster; flavor good, crisp; climbing on Celtis caucasica; disease mildew; rainfall 350 mm.

PI 588734. *Vitis vinifera* L.